

Figure 1. Representation of polymer structure

Figure 2

## **Graph 1. High Humidity Curl Retention**

High Humidity Curl Retention
2.5 Hour Time Plot of Sample Averages
with 95% Confidence LSD

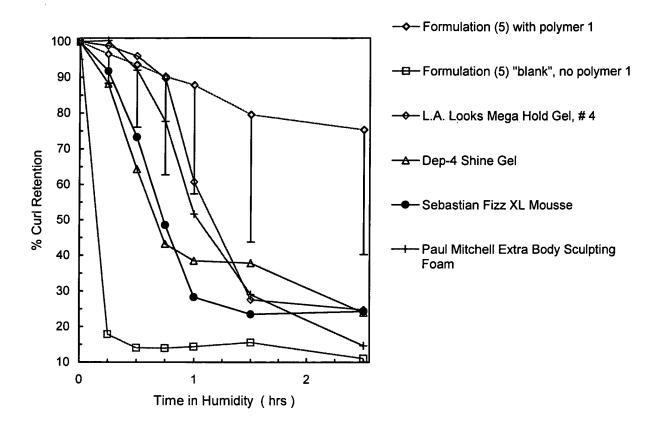
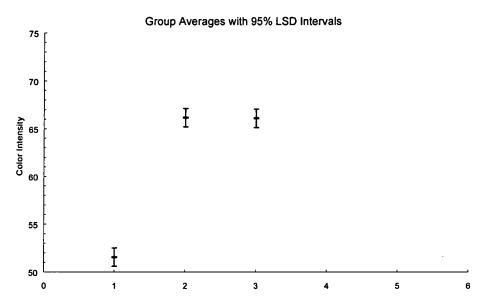


Figure 3

Graph 2



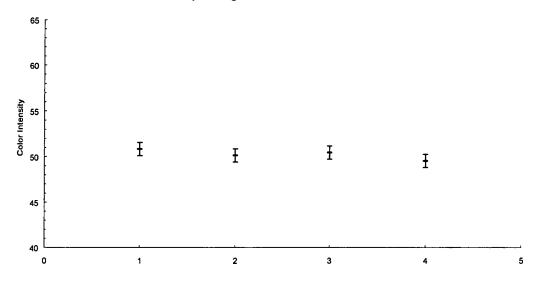
Intervals that do not overlap indicate significant differences between group averages.

<u>Key:</u> Higher color intensity values correspond to the more pronounced red coloration indicative of more cationic polyampholyte polymer 1 deposited onto the swatch. Intervals that do not overlap indicate significant differences between group averages.

Figure 4

Graph 3

Group Averages with 95% LSD Intervals



Intervals that do not overlap indicate significant differences between group averages.

<u>Key:</u> Higher color intensity values correspond to the more pronounced red coloration and might be indicative of unremoved cationic material. Intervals that do not overlap indicate significant differences between group averages.

Figure 5 - Picture 1. Hair tresses treated with formulation (5) (labeled "Convenience) versus anti-frizz shampoo controls before combing

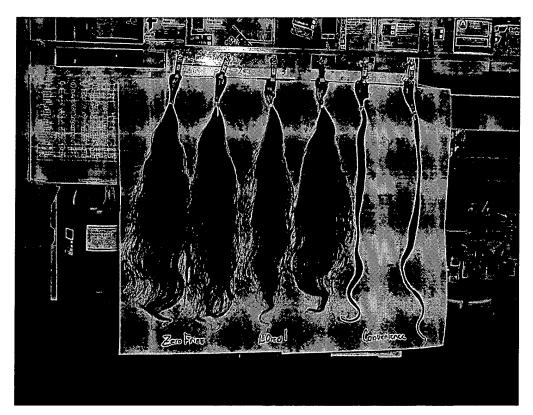


Figure 6 - Picture 2. Hair tresses treated with formulation (5) (labeled "Convenience) versus anti-frizz shampoo controls after being combed 6 times

